## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref#       | Hits   | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------------|--------|---|--|---------------------|---------|---------------------|
| L3         | 6041   | 204/400-403.14,406.ccls. or 205/775,777.5,793.5.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:33 |
| L4         | 145728 | "1" and (select\$5 with pulse)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:33 |
| L5         | 129    | 3 and (select\$5 with pulse)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:33 |
| L6         | 5      | 3 and (select\$5 with pulse with length)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:34 |
| L7         | 1      | 3 and ((pulse adj length) with mediator)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:35 |
| L8         | 1      | ((pulse adj length) with mediator)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:35 |
| L9         | 1      | ((pulse adj length) with (redox adj reaction))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:40 |
| L10        | 2      | pulsed adj redox adj cycling  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:40 |
| L11        | 34     | measure\$5 with concentration with change with (mediator or redox-active)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2011/02/08<br>15:41 |
| S1         | 1      | "10587837"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2010/08/31<br>14:36 |
| S2         | 188    | (Barlag with Heike).in. or<br>(Gumbrecht with Walter).in. or<br>(Mund with Konrad).in.                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2010/08/31<br>14:37 |
| S3         | 178    | Puls\$3 with amperometric with (measur\$5 or detect\$5 or monitor\$5 or determin\$5 or analyz\$5 or analys\$5) with glucose | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2010/08/31<br>14:51 |
| <b>S</b> 4 | 2      | ("6391558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2010/08/31<br>14:53 |
| S5         | 13     | S3 and (transducer with array)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR                  | ON      | 2010/08/31<br>15:29 |

| S6  | 0    | S3 and (cmos)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:32 |
|-----|------|--|--|----|----|---------------------|
| S7  | 31   | Pulsed adj electrochemical adj<br>detection with glucose                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:32 |
| S8  | 0    | Pulsed adj electrochemical adj<br>detection with mediator                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:33 |
| S9  | 0    | (Pulsed adj electrochemical adj detection) with mediator                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:33 |
| S10 | 0    | select\$3 with Pulse with<br>length with glucose                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:34 |
| S11 | 5443 | select\$3 with Pulse with<br>length  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:34 |
| S12 | 328  | select\$3 near3 Pulse adj<br>length  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:34 |
| S13 | 276  | select\$3 near2 Pulse adj<br>length  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:34 |
| S14 | 1    | S13 and glucose  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:35 |
| S15 | 328  | select\$3 near3 Pulse adj<br>length  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:36 |
| S16 | 2    | S12 and glucose  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:36 |
| S17 | 3    | S12 and mediator   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:37 |
| S18 | 2    | pulsed adj redox adj cycling   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:39 |
| S19 | 188  | (Barlag with Heike).in. or (Gumbrecht with Walter).in. or (Mund with Konrad).in. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:41 |
| S20 | 2    | S19 and (pulsed adj redox adj cycling)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:41 |
| S21 | 17   | S19 and (pulse)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:41 |
| S22 | 19   | S19 and (puls\$5)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/08/31<br>15:42 |

| S23 | 86    | biosensor and (measuring adj<br>phases)                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/08/31<br>15:47 |
|-----|-------|---|--|----|-----|---------------------|
| S24 | 1     | "12000897"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/08/31<br>16:04 |
| S25 | 3     | ("4457808").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2010/08/31<br>16:15 |
| S26 | 2     | ("6,071,391").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2010/09/01<br>14:50 |
| S27 | 2     | "20080099347"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>12:53 |
| S28 | 0     | rectangular adj sinusoidal adj<br>curve                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:15 |
| S29 | 238   | rectangular adj curve   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:15 |
| S30 | 2     | S29 and ("204".clas.)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:16 |
| S31 | 76825 | ("204".clas.)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:16 |
| S32 | 66    | S31 and (redox adj cycling)                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:16 |
| S33 | 495   | (glucose with sensor) and square adj wave                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:18 |
| S34 | 495   | (glucose with sensor) and (square adj wave)                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:19 |
| S35 | 3     | (glucose with sensor) with (square adj wave)                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:19 |
| S36 | 56    | S34 and S31   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/02<br>14:19 |
| S37 | 2     | ("6391558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2010/09/02<br>15:19 |
| S38 | 0     | select with pulse with length<br>with pulsed near3<br>voltammetry | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2010/09/03<br>14:36 |

| S39 | 0     | select with pulsed near3 voltammetry   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>14:36 |
|-----|-------|--|--|----|----|---------------------|
| S40 | 0     | select with pulsed near3<br>amperometric   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>14:36 |
| S41 | 937   | pulsed near3 amperometric  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>14:37 |
| S42 | 0     | S41 and (select with pulse with length)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>14:37 |
| S43 | 65    | S41 and (rectangular or sinusoidal or triangular)                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>14:37 |
| S44 | 76825 | ("204".clas.)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>14:43 |
| S45 | 49    | S44 and S41  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>14:43 |
| S46 | 2     | "20080099347"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>15:03 |
| S47 | 3     | S41 AND (REPETITION ADJ<br>RATE)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>15:23 |
| S48 | 14    | S41 AND (".1" adj Hz)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>15:25 |
| S49 | 5838  | 204/400-403.14,406.ccls. or 205/775,777.5,793.5.ccls.                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>16:23 |
| S50 | 6     | S49 and (pulsed with amperometry)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>16:23 |
| S51 | 32    | S49 and (repetition adj rate)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>16:23 |
| S52 | 1069  | S49 and (rectangular or sinusoidal or triangular)                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>16:23 |
| S53 | 14    | S49 and ((rectangular or<br>sinusoidal or triangular) with<br>curve)                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2010/09/03<br>16:23 |
| S54 | 194   | (Barlag with Heike).in. or<br>(Gumbrecht with Walter).in. or<br>(Mund with Konrad).in. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2011/02/08<br>12:47 |
| S55 | 2     | S54 and (select\$5 with pulse)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2011/02/08<br>12:47 |

| S56 | 15 | S54 and (redox adj cycling) | US-PGPUB;    | OR | ON | 2011/02/08 |
|-----|----|-----------------------------|--------------|----|----|------------|
|     |    |                             | USPAT; EPO;  |    |    | 13:26      |
|     |    |                             | JPO; DERWENT |    |    |            |

## **EAST Search History (Interference)**

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2/ 8/ 2011 3:43:21 PM C:\ Documents and Settings\ JDI ETERLE\ My Documents\ EAST\ Workspaces\ 10587837.wsp